

# AVIATION RULEMAKING ADVISORY COMMITTEE (ARAC)

## Noise Certification Issues

### Meeting Minutes

**DATE:** July 15, 1998  
**TIME:** 1:00 P.M.  
**PLACE:** General Aviation Manufacturers Association (GAMA), 1400 K Street, NW,  
Suite 801, Washington, DC

The Assistant Chair, Mr. David A. Hilton of Gulfstream Aerospace Corporation, called the meeting to order at 1:05 P.M. Agendas were distributed (Attachment 1) and an attendance sheet was circulated (Attachment 2). Mr. Paul R. Dykeman, Assistant Executive Director, read instructions governing the conduct of the meeting.

Mr. Hilton welcomed everyone and asked that introductions be made. He then proceeded give a brief status report from the FAR/JAR 36 Harmonization Working Group for Helicopters. Mr. Hilton had spoken with Mr. Charlie Cox (Bell Helicopter Textron), co-chair for the working group, and stated that the working group was still working on the notice of proposed rulemaking (NPRM) and expected to have it reviewed by working group by end of August.

FAR/JAR 36 Harmonization Working Group for Propeller Driven Small Airplanes - Mr. Rob Howes, (Cessna) co-chair for the working group, presented the completed NPRM. He stated that he had concurrence letters from the working group members on file. Mr. Howes stated that the concept paper had been used as the basis for developing the NPRM. Mr. Dykeman suggested that the concept paper be included with the package so it could be submitted to the docket file. Sixteen items were reviewed, not all were harmonized. Most of the corrections were clean-up type. Some items that were considered important were microphone height, power definition, and noise limits. The questions regarding how noise was measured was addressed. The Europeans use an inverted microphone over an aluminum plate. That method has the same effect as cupping your ear. This procedure was adopted. Ms. Betty Ann Kane had called Mr. Hilton asking if this procedure would allow the airplane to make more noise. Mr. Howes responded that it wouldn't. Mr. Howes complemented how well written the regulatory evaluation Ms. Hazel Robinson, the economist, developed. Mr. Hilton took a vote, all were in favor for forwarding the package to the FAA. Mr. Hilton presented the letter and package to Ms. Carolina Forrester, representing the Office of Rulemaking, who would deliver it to the appropriate office. Mr. Dykeman thanked Mr. Howes and his working group for their efforts and timely completion. Mr. Hilton also thanked the working group, and Mr. Howes for coming and presenting the NPRM at the meeting. Mr. Howes expressed his gratitude for being able to participate in the ARAC process.

FAR/JAR 36 Harmonization Working Group for Subsonic Transport Category Large Airplanes and Subsonic Turbojet Powered - Mr. Chuck Sekyra (Boeing), working group chair, gave a briefing on the NPRM that the working group had developed. Ninety-six differences had been identified, 85 have been resolved, 11 are unresolved, and six of those could affect the NPRM. Mr. David Teitlebaum, representing the Office of Plans and Policy, FAA, asked what kind of changes would result from the six items. Mr. Dykeman clarified that the remaining differences do not affect what has been completed. Those revisions could be inserted into the NPRM as additional information. Mr. Skalecky, the FAA representative on the working group, stated that the revisions were mainly word changes, definitions, and formatting issues. Ms. Karen Petronis, FAA General Counsel's Office, stated that she had conducted a cursory review of the document and had not seen anything that would cause major problems. Mr. Dykeman reminded the ARAC Issues that this working group had been tasked to look at part 21, and the group must make sure to involve other ARAC Issues that may be concerned with this issue. Mr. Dykeman took an IOU on this. It was thought that this issue had been discussed at the harmonization meeting held in New Orleans. Apparently, it had not. Mr. Hilton stated that incredible manpower from both the FAA and industry had been employed

to complete this review. He complemented what a great job this working group had done. Mr. Hilton requested economic support and legal review by the FAA. The request letter was presented to Ms. Carolina Forrester. She stated that she would deliver the request to the appropriate office. Mr. Dykeman expressed his thanks to the working group. He also stated that he would be present at the next working group meeting.

Mr. Dykeman stated that for the next meeting he expected to have the FAR/JAR 36 Harmonization Working Group for Helicopters present their draft NPRM. He also expects that the final six items would be ready for presentation by the FAR/JAR 36 Harmonization Working Group for Subsonic Transport Category Large Airplanes and Subsonic Turbojet Powered

The next Noise Certification Issues meeting has been scheduled for October 7, at 10:00 A.M. at GAMA.

Mr. Hilton thanked everyone for their attendance, especially those from out of town. Mr. Hilton adjourned the meeting at 2:35 P.M.

#### Attendance

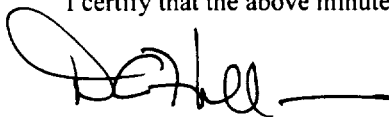
The July 12, 1998, meeting of the ARAC to address Noise Certification issues was attended by 10 people, including committee members, alternates, government employees, and members of the general public.

#### Public Notification

An announcement of the meeting was published in the Federal Register on June 29, 1998 (63 FR 35307).

#### Approval

I certify that the above minutes are accurate.



Mr. David A. Hilton,  
Assistant Chair for ARAC Noise Certification

Issued: AUG 13 1998

2 Attachments

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**FEDERAL AVIATION ADMINISTRATION**

**Aviation Rulemaking Advisory Committee Meeting on  
NOISE CERTIFICATION ISSUES**

**1:00 p.m. July 15, 1998**

**General Aviation Manufacturers Association  
Suite 801**

**1400 K Street, NW  
Washington, DC 20005**



**AGENDA**

1:00	Opening remarks	Chairman
1:05	FACA Statement	Assistant Executive Director
1:06	Presentation Small Airplanes Working Group (WG) NPRM	Small Airplanes WG Co-Chair
1:20	NPRM discussion	ARAC Issue Group
1:30	Issue Group Vote	ARAC Issue Group
1:31	Report on Status of Subsonic Transport and Helicopter Working Groups	Chairman
1:40	Discussion of Status Reports	ARAC Issue Group
1:55	Schedule next meeting date/place	Chairman
1:56	Closing Remarks	Chairman
2:00	Adjourn	

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# AVIATION RULEMAKING ADVISORY COMMITTEE

## NOISE CERTIFICATION ISSUES

### ATTENDANCE

JULY 15, 1998

Member (M) NON-MEMBER (N)	NAME	AFFILIATION	TELEPHONE	FAX NUMBER
Carol Ann Furseth	(N)	FAA	267-9690	
M	Paul Dykeman	FAA	<sup>(202)</sup> 202 3577	<sup>(202)</sup> 267 5594
M	Chuck Sekyra	B-21-2	<sup>425</sup> 237-5011	<sup>425</sup> 237-5247
N	David Tedlow	FAA	<sup>202</sup> 267-3280	<sup>202</sup> 267-3321
M	Jim Skolocky	FAA	<sup>202</sup> 267-3677	<sup>202</sup> 267-5594
M	BILL SCHULTZ	GAMA	<sup>202</sup> 637-1373	<sup>202</sup> 842-4063
M	MEHMET MARSAJ	FAA	<sup>202</sup> 202-7703	<sup>202</sup> 267-5514
M	Rob Howes	Cessna	<sup>316</sup> 341-7332	<sup>316</sup> 341-7258
M	D.A. Hilton	Gulfstream	<sup>(912)</sup> 965-3106	<sup>(912)</sup> 965-3376
N	Karen Petrus	FAA		

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**DEPARTMENT OF TRANSPORTATION****Federal Aviation Administration****Aviation Rulemaking Advisory  
Committee Meeting on Noise  
Certification Issues**

**AGENCY:** Federal Aviation  
Administration (FAA), DOT.

**ACTION:** Notice of meeting.

Issued in Washington, DC, on June 23,  
1996.

**Paul Dykeman,**

*Assistant Executive Director for Noise  
Certification Issues, Aviation Rulemaking  
Advisory Committee.*

[FR Doc. 98-17226 Filed 6-26-98; 8:45 am]

**CALLING CODE 4818-13-M**

**SUMMARY:** The FAA is issuing this notice to advise the public of a meeting of the Federal Aviation Administration Aviation Rulemaking Advisory Committee to discuss noise certification issues.

**DATES:** The meeting will be held on July 15 at 1:00 p.m.

**ADDRESSES:** The meeting will be held at the General Aviation Manufacturers Association, 1400 K Street NW, Washington, DC.

**FOR FURTHER INFORMATION CONTACT:**  
Ms. Angela O. Anderson, (202) 267-9681, Office of Rulemaking (ARM-200), 800 Independence Avenue, SW, Washington, DC 20591.

**SUPPLEMENTARY INFORMATION:** Pursuant to section 10(a)(2) of the Federal Advisory Committee Act (Pub. L. 92-463; 5 U.S.C. App. II), notice is hereby given of a meeting of the Aviation Rulemaking Advisory Committee (ARAC) to discuss noise certification issues. This meeting will be held July 15, 1998, at 1:00 p.m., at the General Aviation Manufacturers Association. The agenda for this meeting will include progress reports from the FAR/JAR Harmonization Working Group for Helicopters and the FAR/JAR Harmonization Working Group for Subsonic Transport Airplanes. It will also include the presentation and vote on the NPRM from the FAR/JAR Harmonization Working Group for Propeller-Driven Small Airplanes. Members of the public may obtain copies of this NPRM by contacting the person listed above under **FOR FURTHER INFORMATION CONTACT**.

Attendance is open to the interested public but may be limited to the space available. The public must make arrangements in advance to present oral statements at the meeting or may present statements to the committee at any time. In addition, sign and oral interpretation can be made available at the meeting, as well as an assistive listening device, if requested 10 calendar days before the meeting. Arrangements may be made by contacting the person listed under the heading **FOR FURTHER INFORMATION CONTACT**.

Noise July 1998 AH4

[4910-13]

**DEPARTMENT OF TRANSPORTATION**

**Federal Aviation Administration**

**Aviation Rulemaking Advisory Committee Meeting on Noise  
Certification Issues**

**AGENCY:** Federal Aviation Administration (FAA), DOT.

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Issued in Washington, DC, on June 23, 1998



Paul Dykeman

Assistant Executive Director for Noise Certification Issues,  
Aviation Rulemaking Advisory Committee